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Attorney's Docket No. 5470-276

TECHNOLOGY CENTER 2700

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: MacDonald et al.

Confirmation No.: 1963

Serial No.: 10/069,305

Group Art Unit: 3761

Filed: June 6, 2002

For: *Antibody Dependent Enhancement (ADE) of Alphavirus Infection*

Date: November 7, 2002

Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Attached is a form PTO-1449, together with a copy of the identified document(s). This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Accordingly, no fee is required. The Commissioner is authorized to charge any additional fee, or credit any refund, to our Deposit Account No. 50-0220.

Respectfully submitted,


Karen A. Magri

Registration No. 41,965

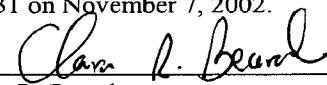


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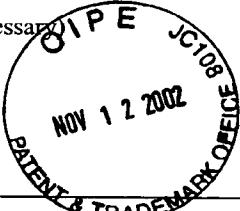
FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number 5470-276	'Serial No. 10/069,305		
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				RECEIVED NOV 14 2002			
				Applicants: TECHNOLOGY CENTER P3700 MacDonald et al.			
				Filing Date: June 6, 2002	Group 3761		
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	5994126	11/30/99	Steinman et al.	435	325	
	2.	6004807	12/21/99	Banchereau et al.	435	325	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	3.	WO 9532733	12/07/95	WO	A61K	39/193	X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	4.	Barrett, A.D.T. & E.A. Gould "Antibody-mediated Early Death <i>in vivo</i> after Infection with Yellow Fever Virus." <i>Journal of General Virology</i> 67:2530-2542 (1986).					
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	7.	Davis, Nancy L., et al. "Vaccination of Macaques against Pathogenic Simian Immunodeficiency Virus with Venezuelan Equine Encephalitis Virus Replicon Particles." <i>Journal of Virology</i> 74(1):371-378 (2000).					
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	9.	Füst, G. "Enhancing antibodies in HIV infection." <i>Parasitology Supplemental</i> 115:127-140 (1997).					
	10.	Guyre, Paul M. et al. "Increased potency of Fc-receptor-targeted antigens." <i>Cancer Immunology, Immunotherapy</i> 45:146-148 (1997).					
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	12.	Heufler, Christine, et al. "Granulocyte/Macrophage Colony-Stimulating Factor and Interleukin 1 Mediate the Maturation of Murine Epidermal Langerhans Cells into Potent Immunostimulatory Dendritic Cells." <i>Journal of Experimental Medicine</i> 167(February):700-705 (1988).					

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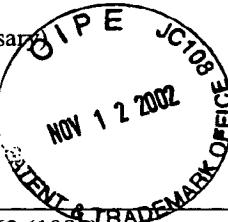
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LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)			
			
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13.	Inada, T. et al. "Enhancing Antibodies, Macrophages and Virulence in Mouse Cytomegalovirus Infection." <i>Journal of General Virology</i> 66:871-878 (1985).		
14.	Inada, T. & C.A. Mims "Association of Virulence of Murine Cytomegalovirus with Macrophage Susceptibility and with Virion-bound Non-neutralizing Antibody." <i>Journal of General Virology</i> 66:879-882 (1985).		
15.	MacDonald, Gene H. & Robert E. Johnston "Role of Dendritic Cell Targeting in Venezuelan Equine Encephalitis Virus Pathogenesis." <i>Journal of Virology</i> 74(2):914-922 (2000).		
16.	Mady, Brian J., et al. "Neuraminidase augments Fc _y receptor II-mediated antibody-dependent enhancement of dengue virus infection." <i>Journal of General Virology</i> 74:839-844 (1993).		
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20.	Ochiai, Hiroshi, et al. "Infection Enhancement of Influenza A NWS Virus in Primary Murine Macrophages by Anti-Hemagglutinin Monoclonal Antibody." <i>Journal of Medical Virology</i> 36:217-221 (1992).		
21.	Olsen, Christopher W. "A review of feline infection peritonitis virus: molecular biology, immunopathogenesis, clinical aspects, and vaccination." <i>Veterinary Microbiology</i> (1993)		
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23.	Peiris, J.S.M. et al. "Monoclonal anti-FC receptor IgG blocks antibody enhancement of viral replication in macrophages." <i>Nature</i> 289(January 15 th):189-191 (1981).		
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25.	Nadler et al., "Monoclonal antibody identifies a new Ia-like (p29,34) polymorphic system linked to the HLA-D/DR region," <i>Nature</i> 290: 591 (1981).		
26.	Pushko et al., "Replicon-Helper Systems from Attenuated Venezuelan equine Encephalitis Virus: Expression of Heterologous Genes <i>in Vitro</i> and Immunization against Heterologous Pathogens <i>in Vivo</i> ," <i>Virology</i> 239: 389-401 (1997).		
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29.	Steinman, "The Dendritic Cell System and its Role in Immunogenictiy." <i>Annual Review of Immunology</i> . 9: 271-296 (1991).		
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